WEBVTT

00:00:00.000 --> 00:00:02.130 Funding for Yale Cancer Answers is

00:00:02.130 --> 00:00:04.150 provided by Smilow Cancer Hospital.

00:00:06.420 --> 00:00:08.400 Welcome to Yale Cancer Answers with

00:00:08.400 --> 00:00:10.395 your host, Doctor Anees Chagpar.

00:00:10.395 --> 00:00:12.620 Yale Cancer Answers features the

00:00:12.620 --> 00:00:14.728 latest information on cancer care

00:00:14.728 --> 00:00:16.264 by welcoming oncologists and

00:00:16.264 --> 00:00:18.436 specialists who are on the forefront

00:00:18.436 --> 00:00:20.344 of the battle to fight cancer.

00:00:20.350 --> 00:00:22.588 This week, it's a conversation about

00:00:22.588 --> 00:00:24.481 innovations in the treatment of

00:00:24.481 --> 00:00:26.527 prostate cancer with Doctor Isaac Kim.

00:00:26.530 --> 00:00:28.931 Doctor Kim is professor and chair of

00:00:28.931 --> 00:00:31.288 Urology at Yale School of Medicine,

00:00:31.290 --> 00:00:34.320 where Doctor Chagpar is a professor

00:00:34.320 --> 00:00:36.410 of surgical oncology.

NOTE Confidence: 0.938323965789474

00:00:36.460 --> 00:00:37.951 Maybe we can start off by you

NOTE Confidence: 0.938323965789474

00:00:37.951 --> 00:00:39.443 telling us a little bit more

NOTE Confidence: 0.938323965789474

00:00:39.443 --> 00:00:41.033 about yourself and what you do.

NOTE Confidence: 0.714770545714286

00:00:42.290 --> 00:00:46.084 I am a urologic oncologist

NOTE Confidence: 0.714770545714286

00:00:46.090 --> 00:00:49.840 with my clinical practice and research

NOTE Confidence: 0.714770545714286

00:00:49.840 --> 00:00:53.010 specifically focused around prostate cancer.

NOTE Confidence: 0.714770545714286

00:00:53.010 --> 00:00:55.014 And to that end my surgical

NOTE Confidence: 0.714770545714286

00:00:55.014 --> 00:00:56.912 expertise is robotic surgery

NOTE Confidence: 0.714770545714286

00:00:56.912 --> 00:00:58.868 or minimally invasive surgery.

NOTE Confidence: 0.714770545714286

00:00:58.870 --> 00:01:01.160 This is where surgeries are performed

NOTE Confidence: 0.714770545714286

00:01:01.160 --> 00:01:03.450 through very small or multiple

NOTE Confidence: 0.714770545714286

00:01:03.521 --> 00:01:05.309 or single hole incisions.

NOTE Confidence: 0.714770545714286

00:01:05.310 --> 00:01:06.912 The advantage is the patients

NOTE Confidence: 0.714770545714286

00:01:06.912 --> 00:01:08.624 recover faster and they they go home

NOTE Confidence: 0.714770545714286

00:01:08.624 --> 00:01:10.278 a lot quicker and as a result are

NOTE Confidence: 0.714770545714286

00:01:10.278 --> 00:01:11.909 able to get back to activity

NOTE Confidence: 0.714770545714286

00:01:11.910 --> 00:01:13.494 a lot quicker as a result of the surgery.

NOTE Confidence: 0.922072886428571

00:01:14.560 --> 00:01:16.688 So we're going to dive into a little

NOTE Confidence: 0.922072886428571

00:01:16.688 --> 00:01:18.939 bit more of the surgical innovations,

NOTE Confidence: 0.922072886428571

00:01:18.940 --> 00:01:20.928 but maybe we can take a step

NOTE Confidence: 0.922072886428571

00:01:20.928 --> 00:01:23.381 back and talk a little bit more

NOTE Confidence: 0.922072886428571

00:01:23.381 --> 00:01:25.296 about prostate cancer in general.

NOTE Confidence: 0.922072886428571

00:01:25.300 --> 00:01:27.202 Tell us a little bit more

NOTE Confidence: 0.922072886428571

00:01:27.202 --> 00:01:28.153 about prostate cancer.

NOTE Confidence: 0.922072886428571

00:01:28.160 --> 00:01:30.656 I mean, it seems to be pretty common,

NOTE Confidence: 0.922072886428571

00:01:30.660 --> 00:01:33.970 but these days not everybody

NOTE Confidence: 0.922072886428571

00:01:33.970 --> 00:01:35.956 is getting screened.

NOTE Confidence: 0.922072886428571

00:01:35.960 --> 00:01:38.012 There are different screening

NOTE Confidence: 0.922072886428571

00:01:38.012 --> 00:01:40.577 modalities and not everybody who

NOTE Confidence: 0.922072886428571

00:01:40.577 --> 00:01:43.542 even gets diagnosed with prostate

NOTE Confidence: 0.922072886428571

00:01:43.542 --> 00:01:45.914 cancer needs surgical management.

NOTE Confidence: 0.922072886428571

00:01:45.920 --> 00:01:49.502 So can you kind of lay the groundwork for

NOTE Confidence: 0.922072886428571

00:01:49.502 --> 00:01:52.300 us on what exactly is prostate cancer?

NOTE Confidence: 0.922072886428571

00:01:52.300 --> 00:01:53.608 How common is it?

NOTE Confidence: 0.922072886428571

00:01:53.608 --> 00:01:55.710 Who should get screened, and how?

NOTE Confidence: 0.7877952286

00:01:56.380 --> 00:01:57.931 Yes, silver again,

NOTE Confidence: 0.7877952286

00:01:57.931 --> 00:02:01.550 that is actually a a loaded question

NOTE Confidence: 0.7877952286

00:02:01.651 --> 00:02:04.376 because as you've alluded to.

NOTE Confidence: 0.7877952286

00:02:04.380 --> 00:02:06.378 There is not an agreement amongst

NOTE Confidence: 0.7877952286

00:02:06.378 --> 00:02:08.419 all the experts in the field,

NOTE Confidence: 0.7877952286

00:02:08.420 --> 00:02:09.964 so I'll just be able to go over

NOTE Confidence: 0.7877952286

00:02:09.964 --> 00:02:11.538 some of the general guidelines,

NOTE Confidence: 0.7877952286

00:02:11.540 --> 00:02:14.116 but at the end the most important

NOTE Confidence: 0.7877952286

00:02:14.116 --> 00:02:16.449 thing for any men with any

NOTE Confidence: 0.7877952286

00:02:16.449 --> 00:02:18.359 sort of a prostate issues,

NOTE Confidence: 0.7877952286

00:02:18.360 --> 00:02:21.228 it's really important to have an

NOTE Confidence: 0.7877952286

00:02:21.228 --> 00:02:23.140 established relationship with the

NOTE Confidence: 0.7877952286

00:02:23.216 --> 00:02:25.364 urologist to discuss these issues,

NOTE Confidence: 0.7877952286

00:02:25.364 --> 00:02:27.212 and this is also called the the

NOTE Confidence: 0.7877952286

00:02:27.212 --> 00:02:28.675 concept of shared decision making

NOTE Confidence: 0.7877952286

00:02:28.675 --> 00:02:31.108 where the patients do have a say in

NOTE Confidence: 0.7877952286

00:02:31.108 --> 00:02:32.803 whether they're going to undergo

NOTE Confidence: 0.7877952286

00:02:32.803 --> 00:02:34.493 prostate cancer screening or not.

NOTE Confidence: 0.7877952286

00:02:34.493 --> 00:02:37.490 Or not, but just to give you an overall,

NOTE Confidence: 0.7877952286

00:02:37.490 --> 00:02:39.938 you know like a 10,000 feet

NOTE Confidence: 0.7877952286

00:02:39.938 --> 00:02:41.570 view of prostate cancer,

NOTE Confidence: 0.7877952286

00:02:41.570 --> 00:02:45.430 it is the most common form of cancer in men.

NOTE Confidence: 0.7877952286

00:02:45.430 --> 00:02:48.850 Besides skin lesions or skin tumors.

NOTE Confidence: 0.7877952286

00:02:48.850 --> 00:02:51.076 The estimated number of men who

NOTE Confidence: 0.7877952286

00:02:51.076 --> 00:02:53.499 are going to be diagnosed with

NOTE Confidence: 0.7877952286

00:02:53.499 --> 00:02:56.502 prostate cancer in this year or in

NOTE Confidence: 0.7877952286

00:02:56.510 --> 00:02:59.208 2022 is a little less than 300,000

NOTE Confidence: 0.7877952286

00:02:59.208 --> 00:03:01.924 men and and all of these men,

NOTE Confidence: 0.7877952286

00:03:01.930 --> 00:03:04.079 or of the men who are diagnosed

NOTE Confidence: 0.7877952286

00:03:04.079 --> 00:03:05.000 with prostate cancer.

NOTE Confidence: 0.7877952286

00:03:05.000 --> 00:03:07.112 Approximately 34,000 men are

NOTE Confidence: 0.7877952286

00:03:07.112 --> 00:03:10.280 expected to die from the disease,

NOTE Confidence: 0.7877952286

00:03:10.280 --> 00:03:12.686 so just based on the statistics

NOTE Confidence: 0.7877952286

00:03:12.686 --> 00:03:15.298 of 30,000 men is not a very.

NOTE Confidence: 0.7877952286

00:03:15.300 --> 00:03:16.460 It's not a small number.

NOTE Confidence: 0.7877952286

00:03:16.460 --> 00:03:17.040 In fact,

NOTE Confidence: 0.7877952286

00:03:17.040 --> 00:03:18.490 that's a very large number

NOTE Confidence: 0.7877952286

00:03:18.490 --> 00:03:20.666 compared to the number of men who

NOTE Confidence: 0.7877952286

00:03:20.666 --> 00:03:22.216 are diagnosed with the disease.

NOTE Confidence: 0.7877952286

00:03:22.220 --> 00:03:24.852 The death rate is quite low and

NOTE Confidence: 0.7877952286

00:03:24.852 --> 00:03:27.047 and herein lies the controversies

NOTE Confidence: 0.7877952286

00:03:27.047 --> 00:03:29.981 or debate around whether every man

NOTE Confidence: 0.7877952286

00:03:29.981 --> 00:03:33.655 needs to be needs to be screened for

NOTE Confidence: 0.7877952286

00:03:33.655 --> 00:03:35.732 prostate cancer. And this is true.

NOTE Confidence: 0.7877952286

00:03:35.732 --> 00:03:37.370 Most men who are diagnosed with

NOTE Confidence: 0.7877952286

00:03:37.430 --> 00:03:39.170 prostate cancer at all will not

NOTE Confidence: 0.7877952286

00:03:39.170 --> 00:03:40.971 die from the disease because our

NOTE Confidence: 0.7877952286

00:03:40.971 --> 00:03:42.723 human is very good these days,

NOTE Confidence: 0.7877952286

00:03:42.730 --> 00:03:45.250 as well as a lot of the prostate.

NOTE Confidence: 0.7877952286

00:03:45.250 --> 00:03:48.484 Cancers are indolent or they will not

NOTE Confidence: 0.7877952286

00:03:48.484 --> 00:03:51.670 hurt the patient if leave them alone.

NOTE Confidence: 0.7877952286

00:03:51.670 --> 00:03:54.262 The controversy is in that you know we don't.

NOTE Confidence: 0.7877952286

00:03:54.270 --> 00:03:57.827 As doctors we don't have that the

NOTE Confidence: 0.7877952286

00:03:57.827 --> 00:03:59.369 hindsight right when you have the

NOTE Confidence: 0.7877952286

00:03:59.369 --> 00:04:00.778 benefit behind so you can always

NOTE Confidence: 0.7877952286

00:04:00.778 --> 00:04:02.416 go back and take a look and say

NOTE Confidence: 0.7877952286

00:04:02.416 --> 00:04:03.694 whether this is good or not.

NOTE Confidence: 0.7877952286

00:04:03.700 --> 00:04:05.048 Good for the patient.

NOTE Confidence: 0.7877952286

00:04:05.048 --> 00:04:06.396 When a patient is.

NOTE Confidence: 0.7877952286

00:04:06.400 --> 00:04:08.620 Is contemplating whether we're going to

NOTE Confidence: 0.7877952286

00:04:08.620 --> 00:04:11.318 get a prostate cancer workup done or not,

NOTE Confidence: 0.7877952286

00:04:11.320 --> 00:04:11.615 right?

NOTE Confidence: 0.7877952286

00:04:11.615 --> 00:04:13.680 They have to make the best decision

NOTE Confidence: 0.7877952286

00:04:13.680 --> 00:04:15.458 based upon the current literature

NOTE Confidence: 0.7877952286

00:04:15.458 --> 00:04:17.338 and what the recommendation is.

NOTE Confidence: 0.7877952286

00:04:17.340 --> 00:04:19.524 And that guideline is going to be

NOTE Confidence: 0.7877952286

00:04:19.524 --> 00:04:21.540 different based on the patient's age

NOTE Confidence: 0.7877952286

00:04:21.540 --> 00:04:23.580 as well as general health status.

NOTE Confidence: 0.7877952286

00:04:23.580 --> 00:04:24.270 So again,

NOTE Confidence: 0.7877952286

00:04:24.270 --> 00:04:26.340 This is why it's important for

NOTE Confidence: 0.7877952286

00:04:26.340 --> 00:04:28.716 the patients to have an engaged

NOTE Confidence: 0.7877952286

00:04:28.716 --> 00:04:30.644 relationship with a urologist,

NOTE Confidence: 0.7877952286

00:04:30.644 --> 00:04:32.676 say well trained urologist.

NOTE Confidence: 0.841479376923077

00:04:33.710 --> 00:04:35.740 So, so let's dive in a little

NOTE Confidence: 0.841479376923077

00:04:35.740 --> 00:04:37.629 bit more into the age issue,

NOTE Confidence: 0.841479376923077

00:04:37.630 --> 00:04:40.283 because I mean certainly your point of

NOTE Confidence: 0.841479376923077

00:04:40.283 --> 00:04:42.573 their general health status makes sense

NOTE Confidence: 0.841479376923077

00:04:42.573 --> 00:04:45.093 and is something that we apply across

NOTE Confidence: 0.841479376923077

00:04:45.162 --> 00:04:47.478 various cancer screening modalities.

NOTE Confidence: 0.841479376923077

00:04:47.480 --> 00:04:51.965 So if you know you are in a physical

NOTE Confidence: 0.841479376923077

00:04:51.965 --> 00:04:54.395 health condition such that finding a

NOTE Confidence: 0.841479376923077

00:04:54.395 --> 00:04:57.265 very small cancer at its earliest stages

NOTE Confidence: 0.841479376923077

00:04:57.265 --> 00:05:00.110 would be the least of your worries,

NOTE Confidence: 0.841479376923077

00:05:00.110 --> 00:05:03.638 you may not want to have be screened.

NOTE Confidence: 0.841479376923077

00:05:03.640 --> 00:05:05.518 But age is a different issue.

NOTE Confidence: 0.841479376923077

00:05:05.520 --> 00:05:08.136 So we've found that, you know,

NOTE Confidence: 0.841479376923077

00:05:08.140 --> 00:05:10.667 for some cancers now we are beginning

NOTE Confidence: 0.841479376923077

00:05:10.667 --> 00:05:13.159 to screen people earlier and earlier.

NOTE Confidence: 0.841479376923077

00:05:13.160 --> 00:05:16.555 Colorectal cancer is a a classic example.

NOTE Confidence: 0.841479376923077

00:05:16.560 --> 00:05:18.351 For other cancers,

NOTE Confidence: 0.841479376923077

00:05:18.351 --> 00:05:21.933 we're stopping screening at particular ages.

NOTE Confidence: 0.841479376923077

00:05:21.940 --> 00:05:24.676 What's the story with prostate cancer?

NOTE Confidence: 0.841479376923077

00:05:24.680 --> 00:05:26.720 When should men start having a

NOTE Confidence: 0.841479376923077

00:05:26.720 --> 00:05:28.435 conversation with their doctor about

NOTE Confidence: 0.841479376923077

00:05:28.435 --> 00:05:30.763 whether or not they need to get screened?

NOTE Confidence: 0.756443676363636

00:05:32.280 --> 00:05:34.115 So this is where I'll

NOTE Confidence: 0.756443676363636

00:05:34.115 --> 00:05:36.400 have a 2 answer for you.

NOTE Confidence: 0.756443676363636

00:05:36.400 --> 00:05:38.482 One is what our national guideline

NOTE Confidence: 0.756443676363636

00:05:38.482 --> 00:05:40.839 says and then just based on my

NOTE Confidence: 0.756443676363636

00:05:40.839 --> 00:05:42.946 experience what I prefer or when I

NOTE Confidence: 0.756443676363636

00:05:43.014 --> 00:05:45.304 have this shared decision making

NOTE Confidence: 0.756443676363636

00:05:45.304 --> 00:05:47.136 conversation with my patients.

NOTE Confidence: 0.756443676363636

00:05:47.140 --> 00:05:49.596 What I suggest or or or you know,

NOTE Confidence: 0.756443676363636

00:05:49.600 --> 00:05:51.238 my inclination. My opinion on this.

NOTE Confidence: 0.756443676363636

00:05:51.240 --> 00:05:52.350 So I'll give you 2 answers.

NOTE Confidence: 0.756443676363636

00:05:52.350 --> 00:05:55.115 Again the guideline and in my opinion

NOTE Confidence: 0.756443676363636

00:05:55.120 --> 00:05:58.288 so you know this all goes back to the

NOTE Confidence: 0.756443676363636

00:05:58.288 --> 00:06:00.799 clinical trials that were conducted

NOTE Confidence: 0.756443676363636

00:06:00.799 --> 00:06:03.394 to assess whether prostate cancer.

NOTE Confidence: 0.756443676363636

00:06:03.400 --> 00:06:04.492 Screening makes sense or

NOTE Confidence: 0.756443676363636

00:06:04.492 --> 00:06:05.584 not for our patients,

NOTE Confidence: 0.756443676363636

00:06:05.590 --> 00:06:08.790 our men and this is based on a a really

NOTE Confidence: 0.756443676363636

00:06:08.877 --> 00:06:11.978 a critical blood test or or called

NOTE Confidence: 0.756443676363636

00:06:11.978 --> 00:06:14.630 a prostate specific antigen or PSA.

NOTE Confidence: 0.756443676363636

00:06:14.630 --> 00:06:16.030 It's a simple blood test.

NOTE Confidence: 0.756443676363636

00:06:16.030 --> 00:06:18.382 You get drawn in the doctor's office and

NOTE Confidence: 0.756443676363636

00:06:18.382 --> 00:06:20.614 then you get a number and based upon

NOTE Confidence: 0.756443676363636

00:06:20.614 --> 00:06:23.050 that we can risk stratify the patients.

NOTE Confidence: 0.756443676363636

00:06:23.050 --> 00:06:24.592 Say what's your risk of having

NOTE Confidence: 0.756443676363636

00:06:24.592 --> 00:06:26.588 a prostate cancer is and in the

00:06:26.588 --> 00:06:28.103 past this number has traditionally

00:06:28.103 --> 00:06:29.751 been somewhere around 3:00 to 4:00

00:06:29.751 --> 00:06:31.233 cut off and then patients are

00:06:31.240 --> 00:06:34.100 asked to undergo biopsies.

00:06:34.100 --> 00:06:34.784 But again,

00:06:34.784 --> 00:06:37.178 this is based on many laboratory findings,

00:06:37.180 --> 00:06:39.623 so in order to assess whether this

00:06:39.623 --> 00:06:41.838 screening method is effective or not,

00:06:41.840 --> 00:06:44.606 a a large scale or clinical

00:06:44.606 --> 00:06:46.450 trials have been conducted,

00:06:46.450 --> 00:06:48.172 one in the United States and

00:06:48.172 --> 00:06:49.830 the other one in Europe.

00:06:49.830 --> 00:06:52.746 And what this study at the end suggested was,

00:06:52.750 --> 00:06:54.710 is that prostate cancer screening

00:06:54.710 --> 00:06:57.490 may not be all that effective,

NOTE Confidence: 0.756443676363636

00:06:57.490 --> 00:06:59.314 but in the at the end it turns

NOTE Confidence: 0.756443676363636

00:06:59.314 --> 00:07:01.148 out that the studies on some of

NOTE Confidence: 0.756443676363636

00:07:01.148 --> 00:07:03.172 the studies of the one that was

NOTE Confidence: 0.756443676363636

00:07:03.172 --> 00:07:05.104 conducted in the states were had

NOTE Confidence: 0.756443676363636

00:07:05.104 --> 00:07:06.342 a significant contamination.

NOTE Confidence: 0.756443676363636

00:07:06.342 --> 00:07:09.894 There's some questions about the the

NOTE Confidence: 0.756443676363636

00:07:09.894 --> 00:07:13.190 scientific validity or the OR the

NOTE Confidence: 0.756443676363636

00:07:13.190 --> 00:07:16.260 rigorous in which the study design

NOTE Confidence: 0.756443676363636

00:07:16.260 --> 00:07:19.528 was followed. So at the end, the.

NOTE Confidence: 0.756443676363636

00:07:19.528 --> 00:07:22.218 Consensus was that prostate cancer

NOTE Confidence: 0.756443676363636

00:07:22.218 --> 00:07:25.280 screening still is pretty effective,

NOTE Confidence: 0.756443676363636

00:07:25.280 --> 00:07:26.372 and that's, again,

NOTE Confidence: 0.756443676363636

00:07:26.372 --> 00:07:29.380 that's what the the European data has shown.

NOTE Confidence: 0.756443676363636

00:07:29.380 --> 00:07:29.729 Nevertheless,

NOTE Confidence: 0.756443676363636

00:07:29.729 --> 00:07:32.521 you know the issue with that is that

NOTE Confidence: 0.756443676363636

13

00:07:32.521 --> 00:07:34.339 the studies were were conducted

NOTE Confidence: 0.756443676363636

00:07:34.339 --> 00:07:36.700 in men over age older than 55.

NOTE Confidence: 0.756443676363636

00:07:36.700 --> 00:07:39.280 So in medicine, as you know,

NOTE Confidence: 0.756443676363636

00:07:39.280 --> 00:07:41.116 we have different levels of evidence

NOTE Confidence: 0.756443676363636

00:07:41.116 --> 00:07:42.034 in a house.

NOTE Confidence: 0.756443676363636

00:07:42.040 --> 00:07:43.744 Strong on the level of evidence

NOTE Confidence: 0.756443676363636

00:07:43.744 --> 00:07:45.776 is and the level that we aspire

NOTE Confidence: 0.756443676363636

00:07:45.776 --> 00:07:47.432 to is a level one evidence.

NOTE Confidence: 0.756443676363636

00:07:47.440 --> 00:07:49.618 So currently the level on evidence

NOTE Confidence: 0.756443676363636

00:07:49.618 --> 00:07:51.070 suggests a prostate cancer.

NOTE Confidence: 0.756443676363636

00:07:51.070 --> 00:07:53.240 During his effective for men

NOTE Confidence: 0.756443676363636

00:07:53.240 --> 00:07:55.410 over the age of 55.

NOTE Confidence: 0.756443676363636

00:07:55.410 --> 00:07:57.306 That said then that doesn't preclude

NOTE Confidence: 0.756443676363636

00:07:57.306 --> 00:07:58.987 the fact that prostate cancer

NOTE Confidence: 0.756443676363636

00:07:58.987 --> 00:08:00.782 screening is still effective or

NOTE Confidence: 0.756443676363636

00:08:00.782 --> 00:08:02.548 not effective medium younger than

NOTE Confidence: 0.756443676363636

00:08:02.548 --> 00:08:04.459 age 55 simply because they are not

NOTE Confidence: 0.756443676363636

00:08:04.459 --> 00:08:06.240 included in the clinical trials.

NOTE Confidence: 0.756443676363636

00:08:06.240 --> 00:08:07.060 All right.

NOTE Confidence: 0.756443676363636

00:08:07.060 --> 00:08:09.085 So I think they're in lies the dilemma now.

NOTE Confidence: 0.756443676363636

00:08:09.090 --> 00:08:11.115 So the national guidelines right

NOTE Confidence: 0.756443676363636

00:08:11.115 --> 00:08:14.057 now still say for most part that

NOTE Confidence: 0.756443676363636

00:08:14.057 --> 00:08:16.157 prostate cancer screening should be

NOTE Confidence: 0.756443676363636

00:08:16.157 --> 00:08:19.288 in men over the age of 55 to 865.

NOTE Confidence: 0.756443676363636

00:08:19.288 --> 00:08:21.760 So again based on.

NOTE Confidence: 0.756443676363636

00:08:21.760 --> 00:08:25.127 On these guidelines, that's what we use,

NOTE Confidence: 0.756443676363636

00:08:25.130 --> 00:08:26.978 but also the question about them.

NOTE Confidence: 0.756443676363636

00:08:26.980 --> 00:08:28.480 What about the younger patients, right?

NOTE Confidence: 0.756443676363636

00:08:28.480 --> 00:08:30.000 What about the men who are at a

NOTE Confidence: 0.756443676363636

00:08:30.000 --> 00:08:31.296 higher risk on such as you know,

NOTE Confidence: 0.85063324

00:08:31.300 --> 00:08:32.816 fathers, brothers having prostate

NOTE Confidence: 0.85063324

00:08:32.816 --> 00:08:35.870 cancer as well as the the minorities?

NOTE Confidence: 0.85063324

00:08:35.870 --> 00:08:37.658 You know the the black community

NOTE Confidence: 0.85063324

00:08:37.658 --> 00:08:39.294 does have a significant higher

NOTE Confidence: 0.85063324

00:08:39.294 --> 00:08:40.830 incidence of prostate cancer.

NOTE Confidence: 0.85063324

00:08:40.830 --> 00:08:44.547 So in general, based on the data,

NOTE Confidence: 0.85063324

00:08:44.550 --> 00:08:47.007 what I say what I see is is a

NOTE Confidence: 0.85063324

00:08:47.007 --> 00:08:48.870 prostate specific antigen PSA?

NOTE Confidence: 0.85063324

00:08:48.870 --> 00:08:52.320 Still a very very effective tool.

NOTE Confidence: 0.85063324

00:08:52.320 --> 00:08:54.392 So I use that as the initial entry

NOTE Confidence: 0.85063324

00:08:54.392 --> 00:08:56.850 of I would like to establish a

NOTE Confidence: 0.85063324

00:08:56.850 --> 00:08:59.061 baseline level semi around age 40

NOTE Confidence: 0.85063324

00:08:59.061 --> 00:09:01.014 and based on that level that I

NOTE Confidence: 0.85063324

00:09:01.014 --> 00:09:03.385 think we can start guiding in terms

NOTE Confidence: 0.85063324

00:09:03.385 --> 00:09:06.006 of how intense that follow up or

NOTE Confidence: 0.85063324

00:09:06.006 --> 00:09:07.856 the screening process should be.

NOTE Confidence: 0.85063324

00:09:07.860 --> 00:09:09.876 So for instance if you're if

NOTE Confidence: 0.85063324

00:09:09.876 --> 00:09:12.559 you're at age 40 and you have a

NOTE Confidence: 0.85063324

00:09:12.559 --> 00:09:14.820 PSA level that is less than one,

NOTE Confidence: 0.85063324

00:09:14.820 --> 00:09:17.921 chances of you of that men having

NOTE Confidence: 0.85063324

00:09:17.921 --> 00:09:20.382 a lethal prostate cancer over

NOTE Confidence: 0.85063324

00:09:20.382 --> 00:09:22.987 its lifetime is essentially 0.

NOTE Confidence: 0.85063324

00:09:22.990 --> 00:09:25.069 So for that patient then the in

NOTE Confidence: 0.85063324

00:09:25.069 --> 00:09:27.660 terms of the of the screen intensity,

NOTE Confidence: 0.85063324

00:09:27.660 --> 00:09:30.436 you don't have to be as as intense

NOTE Confidence: 0.85063324

00:09:30.436 --> 00:09:32.566 as somebody at the age of 40

NOTE Confidence: 0.85063324

00:09:32.566 --> 00:09:34.610 with a PSA of three or four.

NOTE Confidence: 0.85063324

00:09:34.610 --> 00:09:37.137 So This is why this shared decision

NOTE Confidence: 0.85063324

00:09:37.137 --> 00:09:38.950 making becomes very important.

NOTE Confidence: 0.85063324

00:09:38.950 --> 00:09:39.732 And again,

NOTE Confidence: 0.85063324

00:09:39.732 --> 00:09:41.687 I suggest that the baseline

NOTE Confidence: 0.85063324

00:09:41.687 --> 00:09:43.591 should be assuming around age

NOTE Confidence: 0.85063324

00:09:43.591 --> 00:09:45.887 40 for the reasons that I think.

NOTE Confidence: 0.85063324

00:09:45.890 --> 00:09:46.129 Again,

NOTE Confidence: 0.85063324

00:09:46.129 --> 00:09:47.563 that's a very good guiding policy

NOTE Confidence: 0.85063324

00:09:47.563 --> 00:09:49.262 in terms of how intense the future

NOTE Confidence: 0.85063324

00:09:49.262 --> 00:09:50.900 follow up should be for that man.

NOTE Confidence: 0.856368352857143

00:09:52.330 --> 00:09:53.950 When you say intensity,

NOTE Confidence: 0.856368352857143

00:09:53.950 --> 00:09:57.023 do you mean that if somebody at the

NOTE Confidence: 0.856368352857143

00:09:57.023 --> 00:09:59.660 age of 40 has a PSA less than one,

NOTE Confidence: 0.856368352857143

00:09:59.660 --> 00:10:01.625 that they should never get

NOTE Confidence: 0.856368352857143

00:10:01.625 --> 00:10:03.985 another PSA and somebody who has

NOTE Confidence: 0.856368352857143

00:10:03.985 --> 00:10:06.232 a PSA of three or four should

NOTE Confidence: 0.856368352857143

00:10:06.232 --> 00:10:08.240 be screened at least annually?

NOTE Confidence: 0.856368352857143

00:10:08.240 --> 00:10:09.710 Or is it more frequent?

NOTE Confidence: 0.578253579

00:10:11.090 --> 00:10:13.309 Well, that's why I soap all again.

NOTE Confidence: 0.578253579

00:10:13.310 --> 00:10:15.030 These are all retrospective data.

NOTE Confidence: 0.578253579

00:10:15.030 --> 00:10:16.824 That said, you know, for someone

NOTE Confidence: 0.578253579

00:10:16.824 --> 00:10:19.099 whose PSA is less than what age 40.

NOTE Confidence: 0.578253579

00:10:19.100 --> 00:10:20.474 I recommend getting another check up

NOTE Confidence: 0.578253579

00:10:20.474 --> 00:10:22.358 at age 50 and a 10 year follow-up.

NOTE Confidence: 0.578253579

00:10:22.360 --> 00:10:24.445 So for someone who's PSA

NOTE Confidence: 0.578253579

00:10:24.445 --> 00:10:26.113 between 2:00 and 3:00,

NOTE Confidence: 0.578253579

00:10:26.120 --> 00:10:30.152 or I recommend a PSA check every five years

NOTE Confidence: 0.578253579

00:10:30.152 --> 00:10:33.576 age 404550 over the age of PSA of three.

NOTE Confidence: 0.578253579

00:10:33.580 --> 00:10:35.592 I recommend annual checkups,

NOTE Confidence: 0.578253579

00:10:35.592 --> 00:10:39.045 so again, these are just based upon

NOTE Confidence: 0.578253579

00:10:39.045 --> 00:10:41.490 the retrospective data large body.

NOTE Confidence: 0.578253579

00:10:41.490 --> 00:10:43.090 Suspected that and that they're

NOTE Confidence: 0.578253579

00:10:43.090 --> 00:10:44.370 not prospectively or they're

NOTE Confidence: 0.578253579

00:10:44.370 --> 00:10:46.320 not have been validated in a

NOTE Confidence: 0.578253579

00:10:46.320 --> 00:10:47.584 rigorous clinical trial setting,

NOTE Confidence: 0.578253579

00:10:47.590 --> 00:10:48.866 but my take is,

NOTE Confidence: 0.578253579

00:10:48.866 --> 00:10:51.350 is that really the harm of using

NOTE Confidence: 0.578253579

00:10:51.350 --> 00:10:53.815 this approach is not significant.

NOTE Confidence: 0.578253579

00:10:53.820 --> 00:10:56.060 That was the original concern with the

NOTE Confidence: 0.578253579

00:10:56.060 --> 00:10:58.168 mass screening of of prostate cancer.

NOTE Confidence: 0.578253579

00:10:58.170 --> 00:11:00.690 Is is that the aggressive intervention?

NOTE Confidence: 0.578253579

00:11:00.690 --> 00:11:02.778 That would be a result of the screening

NOTE Confidence: 0.578253579

00:11:02.778 --> 00:11:04.689 may not be helping the patients,

NOTE Confidence: 0.578253579

00:11:04.690 --> 00:11:06.293 but I think by using this more

NOTE Confidence: 0.578253579

00:11:06.293 --> 00:11:07.718 of a creative approach and

NOTE Confidence: 0.578253579

00:11:07.718 --> 00:11:09.428 really working with the patients,

NOTE Confidence: 0.578253579

00:11:09.430 --> 00:11:11.726 I think that concern is is mitigated.

NOTE Confidence: 0.578253579

00:11:11.730 --> 00:11:16.293 There's a lot less, so I do think again.

NOTE Confidence: 0.578253579

00:11:16.300 --> 00:11:18.304 Tailoring the the follow up resin

NOTE Confidence: 0.578253579

00:11:18.304 --> 00:11:20.096 based upon the patient's age as

NOTE Confidence: 0.578253579

00:11:20.096 --> 00:11:21.668 well as the baseline levels or

NOTE Confidence: 0.578253579

00:11:21.668 --> 00:11:23.068 the last previous levels.

NOTE Confidence: 0.578253579

00:11:23.070 --> 00:11:24.636 I think it's a good approach to do so.

NOTE Confidence: 0.87246478125

00:11:26.230 --> 00:11:27.505 One other question.

NOTE Confidence: 0.87246478125

00:11:27.505 --> 00:11:29.630 So in terms of screening,

NOTE Confidence: 0.87246478125

00:11:29.630 --> 00:11:31.410 what role does Bridget

NOTE Confidence: 0.87246478125

00:11:31.410 --> 00:11:33.190 digital rectal exam play?

NOTE Confidence: 0.87246478125

00:11:33.190 --> 00:11:35.166 I mean, are we good with a PSA

NOTE Confidence: 0.87246478125

00:11:35.166 --> 00:11:37.473 alone or or do we still need to

NOTE Confidence: 0.87246478125

00:11:37.473 --> 00:11:39.055 have rectal exams which many

NOTE Confidence: 0.87246478125

00:11:39.055 --> 00:11:40.795 men might not really prefer?

NOTE Confidence: 0.83571471

00:11:42.450 --> 00:11:45.436 There's a. There's another very important

NOTE Confidence: 0.83571471

00:11:45.436 --> 00:11:48.366 critical question that you're raising,

NOTE Confidence: 0.83571471

00:11:48.370 --> 00:11:50.568 and again, that is a question that

NOTE Confidence: 0.83571471

00:11:50.568 --> 00:11:53.395 I faced not only from Mike and our

NOTE Confidence: 0.83571471

00:11:53.395 --> 00:11:55.620 medical students that we teach here,

NOTE Confidence: 0.83571471

00:11:55.620 --> 00:11:57.170 but also from our colleagues

NOTE Confidence: 0.83571471

00:11:57.170 --> 00:11:59.170 across in our in our field.

NOTE Confidence: 0.83571471

00:11:59.170 --> 00:12:01.788 I say this at the end though,

NOTE Confidence: 0.83571471

00:12:01.790 --> 00:12:03.710 or the in terms of statistics.

NOTE Confidence: 0.83571471

00:12:03.710 --> 00:12:06.086 You know how many prostate cancer

NOTE Confidence: 0.83571471

00:12:06.086 --> 00:12:09.170 can be picked up by a rectal exam on

NOTE Confidence: 0.83571471

00:12:09.170 --> 00:12:11.430 that could not be picked up by PSA.

NOTE Confidence: 0.83571471

00:12:11.430 --> 00:12:12.798 That number is.

NOTE Confidence: 0.83571471

00:12:12.798 --> 00:12:14.906 Quite low, it's going to have

NOTE Confidence: 0.83571471

00:12:14.906 --> 00:12:16.700 to be in the single digits,

NOTE Confidence: 0.83571471

00:12:16.700 --> 00:12:19.516 so because of that again the question is,

NOTE Confidence: 0.83571471

00:12:19.520 --> 00:12:21.818 is that for those patients whose

NOTE Confidence: 0.83571471

00:12:21.818 --> 00:12:23.851 PSA or prostate cancer restricted

NOTE Confidence: 0.83571471

00:12:23.851 --> 00:12:26.233 by our digital rectal exam that

NOTE Confidence: 0.83571471

00:12:26.233 --> 00:12:27.398 if you left them alone,

NOTE Confidence: 0.83571471

00:12:27.400 --> 00:12:28.736 eventually the PSA would

NOTE Confidence: 0.83571471

00:12:28.736 --> 00:12:29.738 have declared itself?

NOTE Confidence: 0.83571471

00:12:29.740 --> 00:12:32.604 So what is really the utility of the

NOTE Confidence: 0.83571471

00:12:32.604 --> 00:12:35.637 rectal exam is the question at hand there,

NOTE Confidence: 0.83571471

00:12:35.640 --> 00:12:37.052 and you know, again,

NOTE Confidence: 0.83571471

00:12:37.052 --> 00:12:39.762 we don't know the answer 100% for sure,

NOTE Confidence: 0.83571471

00:12:39.762 --> 00:12:42.320 but really at the end what it was.

NOTE Confidence: 0.83571471

00:12:42.320 --> 00:12:44.308 Your Mendez is it really is not

NOTE Confidence: 0.83571471

00:12:44.308 --> 00:12:46.030 a difficult or painful exam,

NOTE Confidence: 0.83571471

00:12:46.030 --> 00:12:47.640 it's just that it's it deals with

NOTE Confidence: 0.83571471

00:12:47.640 --> 00:12:49.930 the private parts, you know it has.

NOTE Confidence: 0.83571471

00:12:49.930 --> 00:12:51.130 You know that.

NOTE Confidence: 0.83571471

00:12:51.130 --> 00:12:52.780 The private issues on some

NOTE Confidence: 0.83571471

00:12:52.780 --> 00:12:53.770 patients are reluctant,

NOTE Confidence: 0.83571471

00:12:53.770 --> 00:12:54.898 especially men are reluctant

NOTE Confidence: 0.83571471

00:12:54.898 --> 00:12:56.308 to undergo such an exam,

NOTE Confidence: 0.83571471

00:12:56.310 --> 00:12:59.001 but it's not a anything that has a a

NOTE Confidence: 0.83571471

00:12:59.001 --> 00:13:01.682 long term complications or any other

NOTE Confidence: 0.83571471

00:13:01.682 --> 00:13:04.430 long term consequences of their exam.

NOTE Confidence: 0.83571471

00:13:04.430 --> 00:13:06.306 It's is a simple of physical exam.

NOTE Confidence: 0.83571471

00:13:06.310 --> 00:13:06.808 I mean,

NOTE Confidence: 0.83571471

00:13:06.808 --> 00:13:08.551 you know my wife has to go

NOTE Confidence: 0.83571471

00:13:08.551 --> 00:13:10.555 into a gynecologist and has to

NOTE Confidence: 0.83571471

00:13:10.555 --> 00:13:12.245 get her annual pelvic exam.

NOTE Confidence: 0.83571471

00:13:12.250 --> 00:13:13.177 In that sense,

NOTE Confidence: 0.83571471

00:13:13.177 --> 00:13:14.722 it's not all that different

NOTE Confidence: 0.83571471

00:13:14.722 --> 00:13:16.650 here in terms of complexity.

NOTE Confidence: 0.83571471

00:13:16.650 --> 00:13:17.168 In fact,

NOTE Confidence: 0.83571471

00:13:17.168 --> 00:13:18.981 in the pelvic exam would be even

NOTE Confidence: 0.83571471

00:13:18.981 --> 00:13:21.754 more complex, so it's not a.

NOTE Confidence: 0.83571471

00:13:21.754 --> 00:13:23.257 Difficult exempt conduct,

NOTE Confidence: 0.83571471

00:13:23.260 --> 00:13:26.004 so I think once you can overcome

NOTE Confidence: 0.83571471

00:13:26.004 --> 00:13:27.180 that psychological component,

NOTE Confidence: 0.83571471

00:13:27.180 --> 00:13:28.580 a patient has been very good at it.

NOTE Confidence: 0.83571471

00:13:28.580 --> 00:13:31.829 So at the end I do stress that rectal

NOTE Confidence: 0.83571471

00:13:31.829 --> 00:13:35.423 exam still is a important part of

NOTE Confidence: 0.83571471

00:13:35.423 --> 00:13:37.519 monitoring patients or screening

NOTE Confidence: 0.83571471

00:13:37.612 --> 00:13:39.299 patients who are potentially

NOTE Confidence: 0.83571471

00:13:39.299 --> 00:13:40.964 at risk for prostate cancer.

NOTE Confidence: 0.9009155925

00:13:42.110 --> 00:13:44.399 Well, we're going to pick up the

NOTE Confidence: 0.9009155925

00:13:44.399 --> 00:13:45.808 conversation about prostate cancer

NOTE Confidence: 0.9009155925

00:13:45.808 --> 00:13:47.628 and what happens after screening,

NOTE Confidence: 0.9009155925

00:13:47.630 --> 00:13:48.617 and what happens?

NOTE Confidence: 0.9009155925

00:13:48.617 --> 00:13:50.591 Who needs a biopsy and who

NOTE Confidence: 0.9009155925

00:13:50.591 --> 00:13:52.068 gets treated and how?

NOTE Confidence: 0.9009155925

00:13:52.070 --> 00:13:53.630 Right after we take a short

NOTE Confidence: 0.9009155925

00:13:53.630 --> 00:13:55.120 break for a medical minute,

NOTE Confidence: 0.9009155925

00:13:55.120 --> 00:13:57.160 please stay tuned to learn more

NOTE Confidence: 0.9009155925

00:13:57.160 --> 00:13:58.520 about prostate cancer treatment

NOTE Confidence: 0.9009155925

00:13:58.583 --> 00:14:00.257 with my guest Doctor Isaac Kim.

NOTE Confidence: 0.758080827

00:14:01.160 --> 00:14:03.150 Funding for Yale Cancer answers

NOTE Confidence: 0.758080827

00:14:03.150 --> 00:14:05.140 comes from Smilow Cancer Hospital,

NOTE Confidence: 0.758080827

00:14:05.140 --> 00:14:07.436 where you can view videos from their

NOTE Confidence: 0.758080827

00:14:07.436 --> 00:14:09.709 survivorship team by searching for the

NOTE Confidence: 0.758080827

00:14:09.709 --> 00:14:11.759 smilo survivorship playlist on YouTube.

NOTE Confidence: 0.956460857272727

00:14:13.770 --> 00:14:15.546 Breast cancer is one of the

NOTE Confidence: 0.956460857272727

00:14:15.546 --> 00:14:17.150 most common cancers in women.

NOTE Confidence: 0.956460857272727

00:14:17.150 --> 00:14:18.461 In Connecticut alone,

NOTE Confidence: 0.956460857272727

00:14:18.461 --> 00:14:20.646 approximately 3500 women will be

NOTE Confidence: 0.956460857272727

00:14:20.646 --> 00:14:23.108 diagnosed with breast cancer this year.

NOTE Confidence: 0.956460857272727

00:14:23.110 --> 00:14:24.470 But there is hope.

NOTE Confidence: 0.956460857272727

00:14:24.470 --> 00:14:25.830 Thanks to earlier detection,

NOTE Confidence: 0.956460857272727

00:14:25.830 --> 00:14:26.654 noninvasive treatments,

NOTE Confidence: 0.956460857272727

00:14:26.654 --> 00:14:28.714 and the development of novel

NOTE Confidence: 0.956460857272727

00:14:28.714 --> 00:14:30.830 therapies to fight breast cancer,

NOTE Confidence: 0.956460857272727

00:14:30.830 --> 00:14:32.655 women should schedule a baseline

NOTE Confidence: 0.956460857272727

00:14:32.655 --> 00:14:34.870 mammogram beginning at age 40 or

NOTE Confidence: 0.956460857272727

00:14:34.870 --> 00:14:36.844 earlier if they have risk factors

NOTE Confidence: 0.956460857272727

00:14:36.844 --> 00:14:38.370 associated with the disease.

NOTE Confidence: 0.956460857272727

00:14:38.370 --> 00:14:40.078 With screening, early detection,

NOTE Confidence: 0.956460857272727

00:14:40.078 --> 00:14:41.786 and a healthy lifestyle,

NOTE Confidence: 0.956460857272727

00:14:41.790 --> 00:14:43.960 breast cancer can be defeated.

NOTE Confidence: 0.956460857272727

00:14:43.960 --> 00:14:45.916 Clinical trials are currently

NOTE Confidence: 0.956460857272727

00:14:45.916 --> 00:14:47.872 underway at federally designated

NOTE Confidence: 0.956460857272727

00:14:47.872 --> 00:14:49.554 Comprehensive cancer centers such

NOTE Confidence: 0.956460857272727

00:14:49.554 --> 00:14:51.780 as Yale Cancer Center and its Milo

NOTE Confidence: 0.956460857272727

00:14:51.780 --> 00:14:53.868 Cancer Hospital to make innovative

NOTE Confidence: 0.956460857272727

00:14:53.868 --> 00:14:55.998 new treatments available to patients.

NOTE Confidence: 0.956460857272727

00:14:56.000 --> 00:14:57.710 Digital breast tomosynthesis,

NOTE Confidence: 0.956460857272727

00:14:57.710 --> 00:14:59.420 or 3D mammography,

NOTE Confidence: 0.956460857272727

00:14:59.420 --> 00:15:01.560 is also transforming breast

NOTE Confidence: 0.956460857272727

00:15:01.560 --> 00:15:03.700 cancer screening by significantly

NOTE Confidence: 0.956460857272727

00:15:03.700 --> 00:15:05.288 reducing unnecessary procedures

NOTE Confidence: 0.956460857272727

00:15:05.288 --> 00:15:07.518 while picking up more cancers.

NOTE Confidence: 0.956460857272727

00:15:07.520 --> 00:15:09.856 More information is available

NOTE Confidence: 0.956460857272727

00:15:09.856 --> 00:15:10.872 at yalecancercenter.org.

NOTE Confidence: 0.956460857272727

00:15:10.872 --> 00:15:13.464 You're listening to Connecticut public radio.

NOTE Confidence: 0.800351121666667

00:15:14.390 --> 00:15:16.406 Welcome back to Yale Cancer answers.

NOTE Confidence: 0.800351121666667

00:15:16.410 --> 00:15:18.954 I'm doctor Anish Treg Park and I'm joined

NOTE Confidence: 0.800351121666667

00:15:18.954 --> 00:15:21.247 tonight by my guest Doctor Isaac Kim.

NOTE Confidence: 0.800351121666667

00:15:21.250 --> 00:15:22.930 We're talking about prostate

NOTE Confidence: 0.800351121666667

00:15:22.930 --> 00:15:25.030 cancer treatment and right before

NOTE Confidence: 0.800351121666667

00:15:25.030 --> 00:15:27.390 the break we were learning that

NOTE Confidence: 0.800351121666667

00:15:27.390 --> 00:15:29.265 prostate cancer is very common,

NOTE Confidence: 0.800351121666667

00:15:29.270 --> 00:15:31.590 but oftentimes is pretty indolent.

00:15:31.590 --> 00:15:34.494 We went over who needs a a digital

00:15:34.494 --> 00:15:36.888 rectal exam and who needs a PSA.

00:15:36.890 --> 00:15:38.348 But my next question for you,

00:15:38.350 --> 00:15:40.294 Doctor Kim, is this?

00:15:40.294 --> 00:15:44.899 At what point do you move on to a biopsy?

00:15:44.900 --> 00:15:47.672 I mean, at what point is a PSA number

00:15:47.672 --> 00:15:50.067 or a digital rectal examination

00:15:50.067 --> 00:15:52.572 finding so concerning that it's

00:15:52.572 --> 00:15:55.465 time to start looking for a cancer?

00:15:56.980 --> 00:15:59.204 Yes, so so again that is a question

00:15:59.204 --> 00:16:02.208 or the answer to that is not a

00:16:02.208 --> 00:16:03.399 simple straightforward answer.

00:16:03.400 --> 00:16:07.224 It really depends on the patient's age as

00:16:07.224 --> 00:16:11.882 well as his general health status. That said,

00:16:11.882 --> 00:16:15.599 in general the standard cutoff for PSA,

00:16:15.600 --> 00:16:17.916 which will trigger a prostate biopsy,

NOTE Confidence: 0.847608885263158

00:16:17.920 --> 00:16:20.080 which I'd recommend on prostate biopsy,

NOTE Confidence: 0.847608885263158

00:16:20.080 --> 00:16:24.100 is generally around PS 4.0.

NOTE Confidence: 0.847608885263158

00:16:24.100 --> 00:16:26.388 For patients or younger than age 50 on

NOTE Confidence: 0.847608885263158

00:16:26.388 --> 00:16:29.354 PSAT of 3.0 or I will start monitoring

NOTE Confidence: 0.847608885263158

00:16:29.354 --> 00:16:30.950 those patients very intensely.

NOTE Confidence: 0.847608885263158

00:16:30.950 --> 00:16:32.791 And if there's any sign of their

NOTE Confidence: 0.847608885263158

00:16:32.791 --> 00:16:34.339 PSA's rising for those of you,

NOTE Confidence: 0.847608885263158

00:16:34.340 --> 00:16:37.004 I would actually trigger the biopsy or react.

NOTE Confidence: 0.847608885263158

00:16:37.010 --> 00:16:41.066 Recommend a biopsy at a much earlier point.

NOTE Confidence: 0.847608885263158

00:16:41.070 --> 00:16:42.414 On the other hand,

NOTE Confidence: 0.847608885263158

00:16:42.414 --> 00:16:45.092 if the man is older than age 6570,

NOTE Confidence: 0.847608885263158

00:16:45.092 --> 00:16:47.828 then you can go up on the PSA

NOTE Confidence: 0.847608885263158

00:16:47.828 --> 00:16:50.234 to over 6 on 6 1/2 or so.

NOTE Confidence: 0.847608885263158

00:16:50.240 --> 00:16:52.465 The other sign that would

NOTE Confidence: 0.847608885263158

00:16:52.465 --> 00:16:54.245 trigger a prostate biopsy.

NOTE Confidence: 0.847608885263158

00:16:54.250 --> 00:16:55.252 In my mind,

NOTE Confidence: 0.847608885263158

00:16:55.252 --> 00:16:57.256 is an abnormal digital rectal exam.

NOTE Confidence: 0.847608885263158

00:16:57.260 --> 00:16:58.232 It comes to mind.

NOTE Confidence: 0.847608885263158

00:16:58.232 --> 00:17:01.040 A patient that I saw a couple of months ago.

NOTE Confidence: 0.847608885263158

00:17:01.040 --> 00:17:04.526 I actually was seen by a primary

NOTE Confidence: 0.847608885263158

00:17:04.526 --> 00:17:06.839 doctor just monitoring his PSA,

NOTE Confidence: 0.847608885263158

00:17:06.840 --> 00:17:11.128 but again this patients PSA remained low but

NOTE Confidence: 0.847608885263158

00:17:11.128 --> 00:17:13.576 he started having difficulty with urination.

NOTE Confidence: 0.847608885263158

00:17:13.580 --> 00:17:15.610 That's why he's referring to my clinic

NOTE Confidence: 0.847608885263158

00:17:15.610 --> 00:17:18.243 and on a rectal exam was pretty profound.

NOTE Confidence: 0.847608885263158

00:17:18.243 --> 00:17:19.272 What he had.

NOTE Confidence: 0.847608885263158

00:17:19.272 --> 00:17:20.644 So for this patient,

NOTE Confidence: 0.847608885263158

00:17:20.650 --> 00:17:22.420 clearly not having a rectal

NOTE Confidence: 0.847608885263158

00:17:22.420 --> 00:17:24.194 exam was an issue so.

NOTE Confidence: 0.847608885263158

00:17:24.194 --> 00:17:25.964 I do recommend again annual

NOTE Confidence: 0.847608885263158

00:17:25.964 --> 00:17:27.950 rectal exam for patients at risk.

NOTE Confidence: 0.847608885263158

00:17:27.950 --> 00:17:30.022 And one more thing I think more

NOTE Confidence: 0.847608885263158

00:17:30.022 --> 00:17:31.690 nuanced approaches is that there's

NOTE Confidence: 0.847608885263158

00:17:31.690 --> 00:17:33.485 something called a PSA velocity.

NOTE Confidence: 0.847608885263158

00:17:33.490 --> 00:17:35.054 So over the dynamics,

NOTE Confidence: 0.847608885263158

00:17:35.054 --> 00:17:38.270 or how PSA changes over year over year.

NOTE Confidence: 0.847608885263158

00:17:38.270 --> 00:17:40.130 It's another parameter that the

NOTE Confidence: 0.847608885263158

00:17:40.130 --> 00:17:41.990 doctor should pay attention to.

NOTE Confidence: 0.847608885263158

00:17:41.990 --> 00:17:43.640 But then again there is more

NOTE Confidence: 0.847608885263158

00:17:43.640 --> 00:17:44.740 of a nuanced approach.

NOTE Confidence: 0.63857399

00:17:45.090 --> 00:17:47.370 The next question, of course is you know,

NOTE Confidence: 0.63857399

00:17:47.370 --> 00:17:51.375 PSA is a blood test, so the PSA rising or

NOTE Confidence: 0.63857399

00:17:51.375 --> 00:17:54.910 being beyond a certain level tells you that

NOTE Confidence: 0.63857399

00:17:54.910 --> 00:17:56.920 something's going on with your prostate.

NOTE Confidence: 0.63857399

00:17:56.920 --> 00:17:59.545 But it doesn't necessarily tell you where

NOTE Confidence: 0.847844189310345

00:17:59.600 --> 00:18:01.539 right, and I think that is probably

NOTE Confidence: 0.847844189310345

00:18:01.539 --> 00:18:04.040 the one of the areas in which the

NOTE Confidence: 0.847844189310345

00:18:04.040 --> 00:18:06.278 prostate cancer field has made a huge

NOTE Confidence: 0.847844189310345

00:18:06.278 --> 00:18:08.294 progress over the last decade or so.

NOTE Confidence: 0.847844189310345

00:18:08.300 --> 00:18:11.020 It's so-called the targeted biopsies.

NOTE Confidence: 0.847844189310345

00:18:11.020 --> 00:18:14.260 And really, what this technique involves,

NOTE Confidence: 0.847844189310345

00:18:14.260 --> 00:18:18.124 is imaging of the prostate using the MRI,

NOTE Confidence: 0.847844189310345

00:18:18.130 --> 00:18:21.426 and based on the MRI findings and we'll

NOTE Confidence: 0.847844189310345

00:18:21.426 --> 00:18:24.775 often find lesions that are not normal and

NOTE Confidence: 0.847844189310345

00:18:24.775 --> 00:18:27.699 the radiologist using his or her expertise.

NOTE Confidence: 0.847844189310345

00:18:27.700 --> 00:18:31.052 Will grade the the appearance of the OR

NOTE Confidence: 0.847844189310345

00:18:31.052 --> 00:18:33.787 how abnormal that particular lesion is

NOTE Confidence: 0.847844189310345

00:18:33.787 --> 00:18:37.838 from a Group One through Group 5 and these

NOTE Confidence: 0.847844189310345

00:18:37.838 --> 00:18:40.771 grouping area categories does tell a lot

NOTE Confidence: 0.847844189310345

00:18:40.780 --> 00:18:42.467 about the potential risk of the patient.

NOTE Confidence: 0.847844189310345

00:18:42.470 --> 00:18:44.966 They actually having a a clinically

NOTE Confidence: 0.847844189310345

00:18:44.966 --> 00:18:46.214 significant prostate cancer.

NOTE Confidence: 0.847844189310345

00:18:46.220 --> 00:18:48.324 And here what I mean by clinical significant

NOTE Confidence: 0.847844189310345

00:18:48.324 --> 00:18:50.440 is is that if you leave this alone,

NOTE Confidence: 0.847844189310345

00:18:50.440 --> 00:18:52.522 this prostate cancer proton life is

NOTE Confidence: 0.847844189310345

00:18:52.522 --> 00:18:54.759 going to be progressing and actually

NOTE Confidence: 0.847844189310345

00:18:54.759 --> 00:18:56.335 ultimately compromising the survival

NOTE Confidence: 0.847844189310345

00:18:56.335 --> 00:18:59.149 or the quality of life of the patient.

NOTE Confidence: 0.847844189310345

00:18:59.150 --> 00:19:00.155 So in general,

NOTE Confidence: 0.847844189310345

00:19:00.155 --> 00:19:01.830 based on the MRI findings,

NOTE Confidence: 0.847844189310345

00:19:01.830 --> 00:19:05.133 if the category is 3 or higher is when

NOTE Confidence: 0.847844189310345

00:19:05.133 --> 00:19:08.307 the prostate biopsy is recommended.

NOTE Confidence: 0.847844189310345

00:19:08.310 --> 00:19:10.176 What the more recent studies have

NOTE Confidence: 0.847844189310345

00:19:10.176 --> 00:19:12.020 shown there's a little more sobering

NOTE Confidence: 0.847844189310345

00:19:12.020 --> 00:19:14.196 in the sense that it turns out that

NOTE Confidence: 0.847844189310345

00:19:14.252 --> 00:19:15.849 the MRI is not 100% accurate in

NOTE Confidence: 0.847844189310345

00:19:15.849 --> 00:19:18.090 predicting as you as you are fully over.

00:19:18.090 --> 00:19:19.567 Also, is this anything that we do?

00:19:19.570 --> 00:19:21.579 All this image and still have some

00:19:21.579 --> 00:19:23.905 sort of a a technical engineering

00:19:23.905 --> 00:19:25.769 type of limitations there,

00:19:25.770 --> 00:19:27.732 so it's it's apparent this is

00:19:27.732 --> 00:19:29.550 true also for prostate cancer.

00:19:29.550 --> 00:19:31.510 The MRI is not able to pick up

00:19:31.510 --> 00:19:32.590 all the lesions,

00:19:32.590 --> 00:19:34.655 So what the current recommendation

00:19:34.655 --> 00:19:36.720 for from most urological oncologist?

00:19:36.720 --> 00:19:39.216 So we do the so-called the

00:19:39.216 --> 00:19:40.048 systematic biopsies.

00:19:40.050 --> 00:19:42.927 We actually divide up the process that

00:19:42.927 --> 00:19:45.464 into different grids and take the

00:19:45.464 --> 00:19:47.924 systematic biopsies in addition to that.

00:19:47.930 --> 00:19:50.135 These targeted biopsies that they're

NOTE Confidence: 0.847844189310345

00:19:50.135 --> 00:19:52.628 based on, what the MRI shows,

NOTE Confidence: 0.847844189310345

00:19:52.628 --> 00:19:53.834 is carried out.

NOTE Confidence: 0.730317708833333

00:19:53.950 --> 00:19:55.726 That brings up the next issue,

NOTE Confidence: 0.730317708833333

00:19:55.730 --> 00:19:58.765 which is what is quote

NOTE Confidence: 0.730317708833333

00:19:58.765 --> 00:19:59.979 clinically significant.

NOTE Confidence: 0.730317708833333

00:19:59.980 --> 00:20:02.855 Enough, UN quote, to actually

NOTE Confidence: 0.730317708833333

00:20:02.855 --> 00:20:05.730 warrant some form of treatment.

NOTE Confidence: 0.730317708833333

00:20:05.730 --> 00:20:08.970 Many men who get diagnosed with

NOTE Confidence: 0.730317708833333

00:20:08.970 --> 00:20:12.172 prostate cancer will embark upon a

NOTE Confidence: 0.730317708833333

00:20:12.172 --> 00:20:14.925 course of watchful waiting or kind

NOTE Confidence: 0.730317708833333

00:20:14.925 --> 00:20:16.900 of close observation rather than

NOTE Confidence: 0.730317708833333

00:20:16.900 --> 00:20:19.386 having any kind of active treatment

NOTE Confidence: 0.730317708833333

00:20:19.386 --> 00:20:21.882 in terms of surgery or other

NOTE Confidence: 0.730317708833333

00:20:21.882 --> 00:20:24.130 modalities to treat their cancer.

NOTE Confidence: 0.730317708833333

00:20:24.130 --> 00:20:26.296 How do you make that determination?

NOTE Confidence: 0.719463117272727

00:20:26.370 --> 00:20:28.491 So that is also again a depends

NOTE Confidence: 0.719463117272727

00:20:28.491 --> 00:20:30.060 on there's two critical.

NOTE Confidence: 0.719463117272727

00:20:30.060 --> 00:20:32.082 Criteria that you have to assess

NOTE Confidence: 0.719463117272727

00:20:32.082 --> 00:20:34.762 one is a disease itself and 2nd

NOTE Confidence: 0.719463117272727

00:20:34.762 --> 00:20:36.867 is a patient's overall conditions.

NOTE Confidence: 0.719463117272727

00:20:36.870 --> 00:20:39.670 So I'll just cover the second part first.

NOTE Confidence: 0.719463117272727

00:20:39.670 --> 00:20:42.286 Basically, even if the patient has

NOTE Confidence: 0.719463117272727

00:20:42.286 --> 00:20:44.030 an aggressive prostate cancer.

NOTE Confidence: 0.719463117272727

00:20:44.030 --> 00:20:46.606 If the patients, let's say 80 years old,

NOTE Confidence: 0.719463117272727

00:20:46.610 --> 00:20:48.176 probably it is unlikely that prostate

NOTE Confidence: 0.719463117272727

00:20:48.176 --> 00:20:50.110 cancer is going to hurt that patient,

NOTE Confidence: 0.719463117272727

00:20:50.110 --> 00:20:51.750 so more often than not,

NOTE Confidence: 0.719463117272727

00:20:51.750 --> 00:20:52.815 even if the prostate cancer

NOTE Confidence: 0.719463117272727

00:20:52.815 --> 00:20:54.250 aggressive in an 80 year old man,

NOTE Confidence: 0.719463117272727

00:20:54.250 --> 00:20:56.180 I would recommend that probably

NOTE Confidence: 0.719463117272727

00:20:56.180 --> 00:20:58.110 an observation or surveillance is

NOTE Confidence: 0.719463117272727

00:20:58.170 --> 00:21:00.066 probably the better route to go.

NOTE Confidence: 0.719463117272727

00:21:00.070 --> 00:21:01.288 So again, it really depends on

NOTE Confidence: 0.719463117272727

00:21:01.288 --> 00:21:02.510 the age of the patient.

NOTE Confidence: 0.719463117272727

00:21:02.510 --> 00:21:04.874 That said, if you're really looking

NOTE Confidence: 0.719463117272727

00:21:04.874 --> 00:21:06.960 at prostate cancer biology itself,

NOTE Confidence: 0.719463117272727

00:21:06.960 --> 00:21:08.845 we divide prostate cancer into

NOTE Confidence: 0.719463117272727

00:21:08.845 --> 00:21:09.976 three different categories.

NOTE Confidence: 0.719463117272727

00:21:09.980 --> 00:21:12.440 The low risk, the intermediate risk,

NOTE Confidence: 0.719463117272727

00:21:12.440 --> 00:21:13.584 and the high risk.

NOTE Confidence: 0.719463117272727

00:21:13.584 --> 00:21:15.300 So for men with high risk,

NOTE Confidence: 0.719463117272727

00:21:15.300 --> 00:21:17.496 there is no debate about whether

NOTE Confidence: 0.719463117272727

00:21:17.496 --> 00:21:18.960 these patients need interventions.

NOTE Confidence: 0.719463117272727

00:21:18.960 --> 00:21:19.337 Also,

NOTE Confidence: 0.719463117272727

00:21:19.337 --> 00:21:21.599 with patients who have a low

NOTE Confidence: 0.719463117272727

00:21:21.599 --> 00:21:23.032 risk disease surveillance,

NOTE Confidence: 0.719463117272727

00:21:23.032 --> 00:21:25.720 there's no debate there.

NOTE Confidence: 0.719463117272727

00:21:25.720 --> 00:21:27.628 So it's really the debate is

NOTE Confidence: 0.719463117272727

00:21:27.628 --> 00:21:28.900 in the intermediate category,

NOTE Confidence: 0.719463117272727

00:21:28.900 --> 00:21:30.090 and you know who would.

NOTE Confidence: 0.719463117272727

00:21:30.090 --> 00:21:32.890 Undergo a surveillance or not,

NOTE Confidence: 0.719463117272727

00:21:32.890 --> 00:21:34.750 and right now there's a lot

NOTE Confidence: 0.719463117272727

00:21:34.750 --> 00:21:36.366 of scientific studies going on

NOTE Confidence: 0.719463117272727

00:21:36.366 --> 00:21:37.630 to address this question.

NOTE Confidence: 0.719463117272727

00:21:37.630 --> 00:21:39.020 Current standard right now is

NOTE Confidence: 0.719463117272727

00:21:39.020 --> 00:21:41.469 to use a lot of genomic testing,

NOTE Confidence: 0.719463117272727

00:21:41.470 --> 00:21:43.941 so we have a couple of platforms

NOTE Confidence: 0.719463117272727

00:21:43.941 --> 00:21:46.095 out there that's been approved by

NOTE Confidence: 0.719463117272727

00:21:46.095 --> 00:21:48.937 the FDA that would like to use to

NOTE Confidence: 0.719463117272727

00:21:48.937 --> 00:21:51.313 assess the risk of patients having

NOTE Confidence: 0.719463117272727

00:21:51.313 --> 00:21:53.356 a potentially the cancers are

NOTE Confidence: 0.719463117272727

00:21:53.356 --> 00:21:55.471 progressing or spreading to other

NOTE Confidence: 0.719463117272727

00:21:55.471 --> 00:21:58.210 parts of the body in the future.

NOTE Confidence: 0.719463117272727

00:21:58.210 --> 00:22:00.100 But again, these are sophisticated.

NOTE Confidence: 0.719463117272727

00:22:00.100 --> 00:22:00.740 Testing again,

NOTE Confidence: 0.719463117272727

00:22:00.740 --> 00:22:02.980 it should all be interpreted with an

NOTE Confidence: 0.719463117272727

00:22:02.980 --> 00:22:05.259 experts experience and experts perspective,

NOTE Confidence: 0.719463117272727

00:22:05.260 --> 00:22:07.324 so this should be all done in in

NOTE Confidence: 0.719463117272727

00:22:07.324 --> 00:22:08.570 consultation with the urologist

NOTE Confidence: 0.78992439875

00:22:09.210 --> 00:22:14.906 and so for those patients who either are.

NOTE Confidence: 0.78992439875

00:22:14.910 --> 00:22:17.290 Advised to pursue more aggressive

NOTE Confidence: 0.78992439875

00:22:17.290 --> 00:22:20.160 treatment or choose to do that.

NOTE Confidence: 0.78992439875

00:22:20.160 --> 00:22:21.510 What does that look like?

NOTE Confidence: 0.78992439875

00:22:21.510 --> 00:22:24.238 I mean, is surgery the mainstay of therapy?

NOTE Confidence: 0.78992439875

00:22:24.240 --> 00:22:27.012 Is there a role for neoadjuvant

NOTE Confidence: 0.78992439875

00:22:27.012 --> 00:22:28.860 therapy so people getting

NOTE Confidence: 0.78992439875

00:22:28.947 --> 00:22:31.218 chemotherapy before surgery?

NOTE Confidence: 0.78992439875

00:22:31.220 --> 00:22:32.388 How does that work?

NOTE Confidence: 0.887202384

00:22:33.550 --> 00:22:35.056 I'll take your question in in

NOTE Confidence: 0.887202384

00:22:35.056 --> 00:22:36.060 in two different segments.

NOTE Confidence: 0.887202384

00:22:36.060 --> 00:22:37.920 Here one is, you know, just giving

NOTE Confidence: 0.887202384

00:22:37.920 --> 00:22:40.020 an overall perspective on treatment.

NOTE Confidence: 0.887202384

00:22:40.020 --> 00:22:41.880 What the available treatments were

NOTE Confidence: 0.887202384

00:22:41.880 --> 00:22:44.114 prostate cancer and then talk about

NOTE Confidence: 0.887202384

00:22:44.114 --> 00:22:46.626 this new ads even or having sort of

NOTE Confidence: 0.887202384

00:22:46.626 --> 00:22:48.554 chemotherapy as part of the region really

NOTE Confidence: 0.887202384

00:22:48.554 --> 00:22:51.317 is in the high risk and advanced disease.

NOTE Confidence: 0.887202384

00:22:51.320 --> 00:22:53.518 So in patients you know who are

NOTE Confidence: 0.887202384

00:22:53.518 --> 00:22:54.846 diagnosed with prostate cancer

NOTE Confidence: 0.887202384

00:22:54.846 --> 00:22:56.760 in terms of the decision making.

NOTE Confidence: 0.887202384

00:22:56.760 --> 00:22:58.311 For potential options,

NOTE Confidence: 0.887202384

00:22:58.311 --> 00:23:01.413 there are really 3 broad categories.

NOTE Confidence: 0.887202384

00:23:01.420 --> 00:23:03.560 One is even this alone.

NOTE Confidence: 0.887202384

00:23:03.560 --> 00:23:04.860 Surveillance, by the way,

NOTE Confidence: 0.887202384

00:23:04.860 --> 00:23:06.810 surveillance does not mean that you

NOTE Confidence: 0.887202384

00:23:06.869 --> 00:23:08.789 actually do not monitor the disease.

NOTE Confidence: 0.887202384

00:23:08.790 --> 00:23:10.812 The intent of the surveillance is

NOTE Confidence: 0.887202384

00:23:10.812 --> 00:23:12.949 to continue to monitor the disease,

NOTE Confidence: 0.887202384

00:23:12.950 --> 00:23:15.392 and when that ratio between the

NOTE Confidence: 0.887202384

00:23:15.392 --> 00:23:17.504 risk of intervention versus the

NOTE Confidence: 0.887202384

00:23:17.504 --> 00:23:19.539 benefit of intervention flips in

NOTE Confidence: 0.887202384

00:23:19.539 --> 00:23:22.165 the patient's favor is when you're

NOTE Confidence: 0.887202384

00:23:22.165 --> 00:23:24.005 going to actually intervene.

NOTE Confidence: 0.887202384

00:23:24.010 --> 00:23:25.646 So in surveillance context,

NOTE Confidence: 0.887202384

00:23:25.646 --> 00:23:28.750 the patient is not just being ignored,

NOTE Confidence: 0.887202384

00:23:28.750 --> 00:23:31.006 but he still has to pursue.

NOTE Confidence: 0.887202384

00:23:31.010 --> 00:23:33.860 And as you monitor continuously.

NOTE Confidence: 0.887202384

00:23:33.860 --> 00:23:34.823 That said, then,

NOTE Confidence: 0.887202384

00:23:34.823 --> 00:23:36.749 with the surveillance being one option,

NOTE Confidence: 0.887202384

00:23:36.750 --> 00:23:38.860 the second option is radiation,

NOTE Confidence: 0.887202384

00:23:38.860 --> 00:23:41.200 and third option is in surgery.

NOTE Confidence: 0.887202384

00:23:41.200 --> 00:23:43.454 If you look at the the overall

NOTE Confidence: 0.887202384

00:23:43.454 --> 00:23:45.103 landscape of treatments of being

NOTE Confidence: 0.887202384

00:23:45.103 --> 00:23:46.963 deployed or being utilized in in

NOTE Confidence: 0.887202384

00:23:46.963 --> 00:23:48.720 the United States these days,

NOTE Confidence: 0.887202384

00:23:48.720 --> 00:23:51.500 surgeries are done in about 40%

NOTE Confidence: 0.887202384

00:23:51.500 --> 00:23:53.600 of men diagnosed prostate cancer.

NOTE Confidence: 0.887202384

00:23:53.600 --> 00:23:56.440 Radiation is about 3035% and

NOTE Confidence: 0.887202384

00:23:56.440 --> 00:23:58.594 surveillance about 25 to 30%,

NOTE Confidence: 0.887202384

00:23:58.594 --> 00:24:00.960 so it's a reasonable even split in

NOTE Confidence: 0.887202384

00:24:01.043 --> 00:24:04.427 terms of the treatments are being being used.

NOTE Confidence: 0.887202384

00:24:04.430 --> 00:24:05.254 Now then,

NOTE Confidence: 0.887202384

00:24:05.254 --> 00:24:07.801 to the point about the potential

NOTE Confidence: 0.887202384

00:24:07.801 --> 00:24:11.630 for a new age event or any sort

NOTE Confidence: 0.887202384

00:24:11.630 --> 00:24:13.628 of combination therapy.

NOTE Confidence: 0.887202384

00:24:13.630 --> 00:24:14.662 In the prostate,

NOTE Confidence: 0.887202384

00:24:14.662 --> 00:24:17.070 cancer is unique or is unique or

NOTE Confidence: 0.887202384

00:24:17.141 --> 00:24:20.045 different from other cancer that is

NOTE Confidence: 0.887202384

00:24:20.045 --> 00:24:21.981 exquisitely sensitive to hormones

NOTE Confidence: 0.887202384

00:24:22.056 --> 00:24:23.529 or male testosterone.

NOTE Confidence: 0.887202384

00:24:23.530 --> 00:24:25.279 For this reason,

NOTE Confidence: 0.887202384

00:24:25.279 --> 00:24:28.194 hormonal therapy or androgen deprivation

NOTE Confidence: 0.887202384

00:24:28.194 --> 00:24:31.310 therapy ADT has been contemplated,

NOTE Confidence: 0.887202384

00:24:31.310 --> 00:24:33.830 has been assessed in many trials to

NOTE Confidence: 0.887202384

00:24:33.830 --> 00:24:36.790 see if that can be used in combination

NOTE Confidence: 0.887202384

00:24:36.790 --> 00:24:40.278 with any of these as surgery or radiation.

NOTE Confidence: 0.887202384

00:24:40.280 --> 00:24:42.495 What the studies have demonstrated

NOTE Confidence: 0.887202384

00:24:42.495 --> 00:24:45.796 as is that in surgical patients it

NOTE Confidence: 0.887202384

00:24:45.796 --> 00:24:47.676 doesn't make a huge difference,

44

NOTE Confidence: 0.887202384

00:24:47.680 --> 00:24:50.968 although again where I work right

NOTE Confidence: 0.887202384

00:24:50.968 --> 00:24:53.004 now as an investigator really

NOTE Confidence: 0.887202384

00:24:53.004 --> 00:24:54.859 interested in this disease space,

NOTE Confidence: 0.887202384

00:24:54.860 --> 00:24:56.939 I am still exploring the use of a a

NOTE Confidence: 0.887202384

00:24:56.939 --> 00:24:58.763 more recent agents in the disease

NOTE Confidence: 0.887202384

00:24:58.763 --> 00:25:01.214 space and how that would help or

NOTE Confidence: 0.887202384

00:25:01.214 --> 00:25:02.926 potentially help patients with

NOTE Confidence: 0.887202384

00:25:02.926 --> 00:25:04.638 advanced disease include metastatic

NOTE Confidence: 0.887202384

00:25:04.640 --> 00:25:05.326 prostate cancer.

NOTE Confidence: 0.887202384

00:25:05.326 --> 00:25:08.070 But where did new ads were in or

NOTE Confidence: 0.887202384

00:25:08.140 --> 00:25:10.240 using hormonal therapy before?

NOTE Confidence: 0.887202384

00:25:10.240 --> 00:25:12.310 Intervention has really shown effectiveness.

NOTE Confidence: 0.887202384

00:25:12.310 --> 00:25:14.011 It's with radiation.

NOTE Confidence: 0.887202384

00:25:14.011 --> 00:25:18.450 The precise mechanism is not quite clear yet,

NOTE Confidence: 0.887202384

00:25:18.450 --> 00:25:21.560 but multiple studies have suggested

NOTE Confidence: 0.887202384

00:25:21.560 --> 00:25:25.083 that the hormonal therapy itself can

NOTE Confidence: 0.887202384

00:25:25.083 --> 00:25:27.561 cause cells to die and potentially

NOTE Confidence: 0.887202384

00:25:27.561 --> 00:25:29.869 immune response can be wrapped up.

NOTE Confidence: 0.887202384

00:25:29.870 --> 00:25:32.187 The other thing is that it can

NOTE Confidence: 0.887202384

00:25:32.187 --> 00:25:33.809 potentially a fragment DNA also,

NOTE Confidence: 0.887202384

00:25:33.810 --> 00:25:36.932 so that then can augment the effect

NOTE Confidence: 0.887202384

00:25:36.932 --> 00:25:38.270 of the radiation.

NOTE Confidence: 0.887202384

00:25:38.270 --> 00:25:40.678 So in general in patients who are.

NOTE Confidence: 0.887202384

00:25:40.680 --> 00:25:42.420 Contemplating radiation that hormonal

NOTE Confidence: 0.887202384

00:25:42.420 --> 00:25:44.595 therapy should be a significant

NOTE Confidence: 0.887202384

00:25:44.595 --> 00:25:46.737 part of the Truman armamentarium,

NOTE Confidence: 0.887202384

00:25:46.740 --> 00:25:48.588 as again the patients concerned radiation.

NOTE Confidence: 0.75673930375

00:25:49.760 --> 00:25:52.936 So then the the next question of course,

NOTE Confidence: 0.75673930375

00:25:52.940 --> 00:25:55.890 is what factors will prompt

NOTE Confidence: 0.75673930375

00:25:55.890 --> 00:25:58.840 somebody to opt for surgery?

NOTE Confidence: 0.75673930375

00:25:58.840 --> 00:26:00.464 And can you talk a little bit

NOTE Confidence: 0.75673930375

00:26:00.464 --> 00:26:02.028 about some of the innovations in

NOTE Confidence: 0.75673930375

00:26:02.028 --> 00:26:03.918 surgery at the top of the show?

NOTE Confidence: 0.75673930375

00:26:03.920 --> 00:26:06.524 You mentioned that you were very

NOTE Confidence: 0.75673930375

00:26:06.524 --> 00:26:08.260 interested in robotic surgery.

NOTE Confidence: 0.75673930375

00:26:08.260 --> 00:26:10.308 Tell us a little bit more about that,

NOTE Confidence: 0.71324755

00:26:10.600 --> 00:26:13.705 sure. So so in general, if you look

NOTE Confidence: 0.71324755

00:26:13.705 --> 00:26:16.673 at the the data and who would benefit

NOTE Confidence: 0.71324755

00:26:16.673 --> 00:26:19.895 the most from a surgical intervention?

NOTE Confidence: 0.71324755

00:26:19.900 --> 00:26:22.810 These are patients who are relatively

NOTE Confidence: 0.71324755

00:26:22.810 --> 00:26:24.925 younger who are in generally good

NOTE Confidence: 0.71324755

00:26:24.925 --> 00:26:27.320 health who have long life expectancy.

NOTE Confidence: 0.71324755

00:26:27.320 --> 00:26:30.038 In my practice, I strongly recommend

NOTE Confidence: 0.71324755

00:26:30.038 --> 00:26:32.820 surgery to men with more than

NOTE Confidence: 0.71324755

00:26:32.820 --> 00:26:35.020 15 years of life expectancy.

NOTE Confidence: 0.71324755

00:26:35.020 --> 00:26:37.348 Again, you have to take a look at

NOTE Confidence: 0.71324755

00:26:37.348 --> 00:26:39.689 assess the patients or general health

NOTE Confidence: 0.71324755

00:26:39.689 --> 00:26:42.548 status and and calculate the the

NOTE Confidence: 0.71324755

00:26:42.548 --> 00:26:45.005 potential of survival for that patient.

NOTE Confidence: 0.71324755

00:26:45.005 --> 00:26:47.114 So it has to get done in conjunction

NOTE Confidence: 0.71324755

00:26:47.114 --> 00:26:49.514 with in consultation with the patient.

NOTE Confidence: 0.71324755

00:26:49.520 --> 00:26:51.566 But in general. Or healthier patients?

NOTE Confidence: 0.71324755

00:26:51.570 --> 00:26:53.586 I do think that they are gonna benefit

NOTE Confidence: 0.71324755

00:26:53.586 --> 00:26:55.386 a lot better from surgery because

NOTE Confidence: 0.71324755

00:26:55.386 --> 00:26:57.782 in in this is in operation they can

NOTE Confidence: 0.71324755

00:26:57.782 --> 00:26:59.702 go in and take the process it out

NOTE Confidence: 0.71324755

00:26:59.710 --> 00:27:01.570 and then patient recovers and you

NOTE Confidence: 0.71324755

00:27:01.570 --> 00:27:04.071 can go on through some of his normal

NOTE Confidence: 0.71324755

00:27:04.071 --> 00:27:06.279 life with really not much risk going

NOTE Confidence: 0.71324755

00:27:06.279 --> 00:27:08.750 or or the the nose of significant

NOTE Confidence: 0.71324755

00:27:08.750 --> 00:27:10.182 complications from the operation

NOTE Confidence: 0.71324755

00:27:10.182 --> 00:27:12.709 long term provided that the in the

NOTE Confidence: 0.71324755

00:27:12.709 --> 00:27:15.427 near term he has recovered all his

NOTE Confidence: 0.71324755

00:27:15.427 --> 00:27:16.678 functions and that is going.

NOTE Confidence: 0.71324755

00:27:16.678 --> 00:27:18.302 That's a a statement that I am

NOTE Confidence: 0.71324755

00:27:18.302 --> 00:27:19.627 putting out the loaded statement

NOTE Confidence: 0.71324755

00:27:19.627 --> 00:27:21.400 that I'm putting out there in that.

NOTE Confidence: 0.71324755

00:27:21.400 --> 00:27:23.525 The recovery after operation is

NOTE Confidence: 0.71324755

00:27:23.525 --> 00:27:27.165 where a lot of men fear on because

NOTE Confidence: 0.71324755

00:27:27.165 --> 00:27:30.021 the prostate sits right outside are

NOTE Confidence: 0.71324755

00:27:30.021 --> 00:27:33.219 just external distal to the bladder,

NOTE Confidence: 0.71324755

00:27:33.220 --> 00:27:35.332 and that is where a lot of the

NOTE Confidence: 0.71324755

00:27:35.332 --> 00:27:35.860 important malfunctions,

NOTE Confidence: 0.71324755

00:27:35.860 --> 00:27:37.660 including erectile function,

NOTE Confidence: 0.71324755

00:27:37.660 --> 00:27:40.060 the nerves responsible erectile

NOTE Confidence: 0.71324755

00:27:40.060 --> 00:27:41.860 function runs through.

NOTE Confidence: 0.71324755

00:27:41.860 --> 00:27:46.984 So in this patients again the the

NOTE Confidence: 0.71324755

00:27:46.984 --> 00:27:51.214 chance to have the the surgery is again.

NOTE Confidence: 0.71324755

00:27:51.214 --> 00:27:53.573 Has to depend on the experience of

NOTE Confidence: 0.71324755

00:27:53.573 --> 00:27:56.029 the operator operator to surgeon.

NOTE Confidence: 0.71324755

00:27:56.030 --> 00:27:58.060 Where I come in is is that I do the

NOTE Confidence: 0.71324755

00:27:58.123 --> 00:28:00.279 robotic surgery and really in my mind

NOTE Confidence: 0.71324755

00:28:00.279 --> 00:28:02.239 this has really mitigated or address

NOTE Confidence: 0.71324755

00:28:02.239 --> 00:28:04.514 a lot of this potential concerns in

NOTE Confidence: 0.71324755

00:28:04.520 --> 00:28:06.949 terms of the complication for that patient.

NOTE Confidence: 0.71324755

00:28:06.950 --> 00:28:08.948 And again that's another area where

NOTE Confidence: 0.71324755

00:28:08.948 --> 00:28:11.584 the last 10 years we have made a

NOTE Confidence: 0.71324755

00:28:11.584 --> 00:28:13.432 significant and a huge progress in

NOTE Confidence: 0.71324755

00:28:13.502 --> 00:28:15.767 terms of technology and engineering.

NOTE Confidence: 0.71324755

00:28:15.770 --> 00:28:18.146 And as you move forward on the paradigm

NOTE Confidence: 0.71324755

00:28:18.146 --> 00:28:20.377 is shifting where we used to make it

NOTE Confidence: 0.71324755

00:28:20.377 --> 00:28:22.539 big incision and the smaller incisions.

NOTE Confidence: 0.71324755

00:28:22.540 --> 00:28:24.320 And the more recent technology

NOTE Confidence: 0.71324755

00:28:24.320 --> 00:28:26.100 is so-called the single port

NOTE Confidence: 0.71324755

00:28:26.168 --> 00:28:27.680 prostatectomy technology,

NOTE Confidence: 0.71324755

00:28:27.680 --> 00:28:29.978 where now we're after this operation.

NOTE Confidence: 0.71324755

00:28:29.980 --> 00:28:31.359 Patients are able to go home because

NOTE Confidence: 0.71324755

00:28:31.359 --> 00:28:32.649 on the same day essentially.

NOTE Confidence: 0.928780708571429

00:28:33.420 --> 00:28:35.940 Doctor Isaac Kim is professor and chair

NOTE Confidence: 0.928780708571429

00:28:35.940 --> 00:28:38.717 of Urology at Yale School of Medicine.

NOTE Confidence: 0.928780708571429

00:28:38.720 --> 00:28:40.764 If you have questions,

NOTE Confidence: 0.928780708571429

00:28:40.764 --> 00:28:42.762 the address is canceranswers@yale.edu

NOTE Confidence: 0.928780708571429

00:28:42.762 --> 00:28:45.534 and past editions of the program

NOTE Confidence: 0.928780708571429

00:28:45.534 --> 00:28:47.956 are available in audio and written

NOTE Confidence: 0.928780708571429

00:28:47.956 --> 00:28:48.924 form at yalecancercenter.org.

NOTE Confidence: 0.928780708571429

00:28:48.924 --> 00:28:51.516 We hope you'll join us next week to

NOTE Confidence: 0.928780708571429

00:28:51.516 --> 00:28:53.491 learn more about the fight against

NOTE Confidence: 0.928780708571429

00:28:53.491 --> 00:28:55.086 cancer here on Connecticut Public

NOTE Confidence: 0.928780708571429

00:28:55.141 --> 00:28:56.959 radio. Funding for Yale Cancer Answers

NOTE Confidence: 0.928780708571429

00:28:56.959 --> 00:29:00.000 is provided by Smilow Cancer Hospital.